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(21) Application Nos. 18656/73 (22) Filed 18 April 1973 (19)
24906/73 24 May 1973

(23) Complete Specification filed 10 April 1974
(44) Complete Specification published 15 Dec. 1976
(51) INT. CL. H02G 3/04
(52) Index at acceptance
H2C 11C
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(54) SYNTHETIC RESIN CHANNELLING

(71) We, OCTOPUS ELECTRICAL LIMITED formerly known as Hartley Electromotives (London) Limited, a British Company of Well Street, Birmingham 19, do hereby declare the 5 invention, for which we pray that a patent may be granted to us, and the method by which it is to be performed, to be particularly described in and by the following statement:—

10 It is known to use synthetic resin channeling to locate electric cables on a wall before the wall is plastered. The channeling is manufactured in predetermined lengths, and has to be cut to the required length, so that 15 there is considerable wastage.

15 The present invention, which seeks to avoid such wastage, resides in a coil of synthetic resin channeling, formed from a synthetic resin material which is sufficiently flexible to permit deformation of the material to form the coil, but sufficiently rigid to locate electric cables on a wall, the channeling being coiled such that the inner surface of the base of the channeling is convex. In the preferred arrangement the channeling is formed with 20 transverse corrugations to facilitate the coiling operation.

In the accompanying drawings,

Figure 1 is a perspective view of a coil of 30 synthetic resin channeling and

Figure 2 illustrates the corrugations on a length of the channeling.

Referring to the drawings, the channeling is formed by an extrusion. As the channeling 35 leaves the extrusion machine, it is acted upon by any convenient known device before it has a chance to cool so as to form transverse corrugations 9 as shown in Figure 2. The channeling 11 is coiled onto a former 10 as 40 shown in Figure 1 with the inner surface 12 of the base 13 of the channeling convex so that the channeling can be positioned on a wall

so as to enclose and locate electric cables mounted on the wall as the channeling is removed from the reel. The corrugations 9 45 not only facilitate the coiling operation, but also ensure that the channeling can be cut accurately at right angles to its length.

In another example, no former is used, and the channeling is wound on itself to spiral 50 form, successive layers then resting within one another.

Suitable material for a channeling is polyethylene, preferably with a flame retarding additive. 55

WHAT WE CLAIM IS:—

1. A coil of synthetic resin channeling formed from a synthetic resin material which is sufficiently flexible to permit deformation of the material to form the coil, but sufficiently rigid to locate electric cables on a wall, the channeling being coiled such that the inner surface of the base of the channeling is convex. 60

2. A coil as claimed in Claim 1 in which the channeling is formed with transverse corrugations. 70

3. A coil as claimed in Claim 1 or Claim 2 in which the channeling is formed from polyethylene. 75

4. A coil as claimed in Claim 3 in which the polyethylene contains a flame retarding additive.

6. A coil of synthetic resin channeling constructed substantially as described with reference to the accompanying drawings. 75

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1458531 COMPLETE SPECIFICATION

1 SHEET

*This drawing is a reproduction of
the Original on a reduced scale*

